

15 GeV Low Energy Run

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RHIC status

- Providing back-to-back Physics stores since Saturday afternoon
- Several BLM permit pulls due to instability
- Instabilities tend to dump some beam in STAR
- Adjusted chromaticity to fight instability; limited intensity to $1e9$ /bunch for now
- Setting up regular orbit corrections has highest priority to keep conditions stable

Upcoming week

- Continue providing back-to-back Physics stores
- Establish gap cleaner to prevent unbunched beam hitting STAR at dump time
- Improve machine stability (orbits, collision and background rates, ...)
- DX training quench tomorrow morning
- 4 h access tomorrow, driven by PHENIX troubleshooting
- Slowly increase bunch intensity, and adjust chromaticity accordingly